



Airworthiness Directive

AD No.: 2018-0195

Issued: 04 September 2018

Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) 216/2008 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.

This AD is issued in accordance with Regulation (EU) 748/2012, Part 21.A.3B. In accordance with Regulation (EU) 1321/2014 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [Regulation (EU) 1321/2014 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [Regulation (EC) 216/2008, Article 14(4) exemption].

Design Approval Holder's Name:

ANJOU AERONAUTIQUE

Type/Model designation(s):

Torso Restraint System model 358

Effective Date: 18 September 2018

ETSO Authorisation(s): EASA 210.10036843

Foreign AD: Not applicable

Supersedure: None

ATA 25 – Equipment / Furnishings – Restraint Systems Rotary Buckle Sub Assembly – Removal from Service

Manufacturer(s):

Anjou Aeronautique, formerly Romtex Anjou Aeronautique, Securaiglon

Applicability:

Model 358 torso restraint systems Part Number (P/N) 358XX XXX-XX-XXX (where XX XXX-XX-XXX can be any combination of numbers and/or letters), serial number (s/n) 738 to 1619 inclusive.

These torso restraint systems are known to be installed on, but not limited to, Airbus Helicopters AS 350 B2, AS 350 B3 and EC130 T2 helicopters.

Reason:

Occurrences have been reported of rupture of the upper side (knob) of the rotary buckle installed on certain Anjou Aeronautique model 358 torso restraint systems. Further occurrences have been reported after the publication of EASA PAD 18-019. Preliminary investigation identified a batch of parts potentially affected by the same unsafe condition, for which high operating temperatures might be a contributing factor.

This condition, if not corrected, could prevent the release of the restraint system straps as intended in the event of an emergency landing, possibly inhibiting safe evacuation from the aircraft.



As of the issue date of this AD, Anjou Aeronautique has not issued applicable repair or modification instructions.

For the reasons described above, this AD requires replacement of affected torso restraint systems, and prohibits installation thereof.

This AD is considered to be an interim measure and further AD action may follow.

Required Action(s) and Compliance Time(s):

Required as indicated, unless accomplished previously:

Part Replacement:

- (1) Within 6 months after the effective date of this AD, replace each affected torso restraint system with a not affected part. Using applicable maintenance instructions issued by the aircraft design approval holder is an acceptable method to comply with the requirement of this paragraph.

Alternative Method:

- (2) As an alternative to the requirement of paragraph (1) of this AD, marking a seat, equipped with an affected torso restraint system, as inoperative and assuring that seat is not occupied during flight operations, is an acceptable alternative method to defer compliance with the requirements of paragraph (1) of this AD for that seat, provided this is accomplished within the provisions of the applicable (master) minimum equipment list.

Part Installation:

- (3) From the effective date of this AD, do not install an affected torso restraint system on an aircraft (see Note 1 of this AD).

Note 1: For the purpose of this AD, removal of a torso restraint system from an aircraft and subsequent re-installation of that torso restraint system on that same aircraft is not an "installation" as specified in paragraph (3) of this AD.

Ref. Publications:

None

Remarks:

1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.
2. This AD was posted on 07 February 2018 as PAD 18-019 for consultation until 07 March 2018. No comments were received during the consultation period.
3. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
4. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this AD, and which may occur, or have occurred on



a product, part or appliance not affected by this AD, can be reported to the [EU aviation safety reporting system](#).

5. For any question concerning the technical content of the requirements in this AD, please contact: Anjou Aeronautique, Strada Livezii nr. 98, 550042, Sibiu, Romania
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